Meteorology Triangular Guy-wire Mast DATA SHEET

Product no.
Ref. nr.
Latest rev.

B450 80,0M -52 03.02.01.10 08.10.2019



Series B450

40-150 m

Description:

B450 is designed as an equilateral triangle, with fully welded 3 m sections composed of legs and bracings made of solid round bars. The sections are designed with ladder on all sides and prepared for a safety line. B450 is supported with guy-wires in three directions having one to three foundations at different distances from the mast base.

The leg dimension varies from 20 to 48mm in diameter and bracings from 12 to 20mm.

The weight of the section varies from 55 to 160 kg.

The mast is designed to carry booms for instruments with a small wind drag area.

Distortion does not exceed 1% for the mast and 0.5% for the booms.

Normally 8-12m guy-wire are used. The total length of guy-wires for 80 m mast is approximative 1500m.

Specification:

